

REMARKS

Claims 12, 13 and 16 are pending in the application and stand rejected.

Rejection under 35 U.S.C §103

Claim 12 stands rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 6,624,801 to Moriyama. Applicants respectfully traverse this rejection, and submit that Moriyama does not in fact teach, disclose or suggest driving a Thin Film Transistor array wherein a first zone is grouped into a graphic region and driven with a line inversion and a second zone is grouped into a non-graphic region and driven with a frame inversion.

In particular, Applicants note at col. 18 ll. 40-63 (cited by the Examiner), Moriyama teaches that only the second display region 32 (from among the first, second, and third display regions 31, 32, and 33) is driven at the usual write period, and that the first and third display regions 31 and 33 are driven at a write period longer than that of the second display region 32. A difference of aspect ratio on the screen (4:3 and 16:9) and the like cause black portions to be induced at the top and bottom of the screen – i.e., the second display region 32 displays the screen grouped into a dynamic picture (corresponding to the graphic region recited in claim 12) and the first and third display regions 31 and 33 at the top and bottom of the second display region 32 display black portions (corresponding to the non-graphic region recited in claim 12). Moriyama goes on to teach at col. 16 ll. 33-35 that the first display region 31 employs row line inversion drive and the second display region 32 employs row frame inversion drive. To summarize, Moriyama teaches a first display region 31 grouped into a non-graphic region and driven with row line inversion drive and a second display region 32 grouped into a graphic region and driven with frame inversion drive.

Present claim 12, on the other hand, recites a first zone grouped into a graphic region and driven with line inversion, and a second zone grouped into a non-graphic region and driven with frame inversion, thereby saving driving power without reduction of frame quality. As detailed above, Moriyama does not teach these features. Applicants thus respectfully submit that claim 12

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as presently pending is not in fact anticipated nor obviated by Moriyama and request the Examiner to kindly reconsider and pass this claim to issue.

Claim 13 depends from claim 12 and thus, in light of the above discussion of claim 12, Applicants submit that claim 13 is also allowable at least based on its dependency on claim 12.

Claim 16 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Moriyama in view of U.S. Pat. No. 6,335,719 to An. Applicants note that claim 16, just as claim 12, recites a first zone driven with line inversion and grouped into a graphic region, and a second zone driven with frame inversion and grouped into a non-graphic region. As previously explained, Moriyama does not disclose these features. Furthermore, Applicants submit that An also does not teach these features. Therefore, Applicants respectfully submit that claim 16 is also novel and nonobvious over the art on record and request the Examiner to pass this claim to issue as well.

The Commissioner is authorized to charge any additional fees which may be required or credit overpayment to deposit account no. 12-0415. In particular, if this response is not timely filed, the Commissioner is authorized to treat this response as including a petition to extend the time period pursuant to 37 CFR 1.136(a) requesting an extension of time of the number of months necessary to make this response timely filed and the petition fee due in connection therewith may be charged to deposit account no. 12-0415.

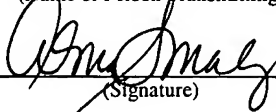
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(Date of Transmission)

Alma Smalling

(Name of Person Transmitting)

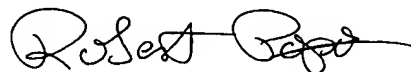


(Signature)

10/18/06

(Date)

Respectfully submitted,



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